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AFRICAN HORSE SICKNESS

MIRCHAMSY, H., and TASLIMI, H.

PIL

AFRICAN SWINE FEVER  
MONTGOMERY, R. Eustace

#6248 &  
\*SF 971 W3

Visualizatiion of horse sickness virus by the  
fluorescent antibody technique.

I. On a form of swine fever occurring in British  
East Africa (Kenya Colony). (I-VI)

Immunol. 7(3):213-216, 1964

J. Comp. Pathol. Therap. 34(3):159-191, 1921

\*In: Walker's "East African Swine Fever", 1933





AFRICAN SWINE FEVER

MONTGOMERY, R. Eustace

#6249 &  
\*SF 971 W3

II. On a form of swine fever occurring in British  
East Africa (Kenya Colony). (VII-X)

J. Comp. Pathol. Therap. 34(4):243-262, 1921

\*In: Walker's "East African Swine Fever", 1933

AFRICAN SWINE FEVER

CIE

PIL

IV. Report of the study meeting on African  
swine fever in South-West Europe.

Bull. Offic. Int. Epizoot. 62(2):1598-1599, 1964-  
32d General Session

BOVINE PLEUROPNEUMONIA

HUDSON, J.R.

PIL

Contagious bovine pleuropneumonia: The immunizing  
value of the attenuated strain KH<sub>3</sub>J.

Aust. Vet. J. 41(2):43-49, 1965

BOVINE PLEUROPNEUMONIA

HUDSON, J.R., and LEAVER, D.D.

PIL

Contagious bovine pleuropneumonia: The occurrence  
of lung lesions following vaccination with egg  
vaccine.

Aust. Vet. J. 41(2):29-36, 1965





BOVINE PLEUROPNEMONIA

PIL

HUDSON, J.R.

Contagious bovine pleuropneumonia: Studies in the pathogenesis of lung lesions following vaccination with egg vaccines.

Aust. Vet. J. 41(2):36-42, 1965

BOVINE PLEUROPNEMONIA

PIL

PROVOST, A., PERRÉAU, P., and QUEVAL, R.

Immunological studies on pleuropneumonia. VIII. Possible presence of Forssman antigen in Mycoplasma mycoides.

Rev. Elev. Med. Vet. Pays Trop. 17:15-22, 1964.

Vet. Bull. 35(3):135(854), 1965

BOVINE PLEUROPNEMONIA

PIL

PERRÉAU, P., et al\*

Value of the indirect haemagglutination test for bovine contagious pleuropneumonia. Use of formalized, sensitized and freeze dried erythrocytes.

Rev. Elev. Med. Vet. Pays Trop. 17:5-14, 1964.

Vet. Bull. 35(3):135(853), 1965

\*A. Provost, R. Regnault, and J. Orue

BOVINE PLEUROPNEMONIA

PIL

PROVOST, A., et al\*

Immunological studies on pleuropneumonia. IX. New data on the antigenic relationship between Mycoplasma mycoides and other Mycoplasma taeaceae.

Rev. Elev. Med. Vet. Pays Trop. 17:23-33, 1964.

Vet. Bull. 35(3):135(855), 1965

\* J.M. Villemot, R. Queval, and C. Borredon



EAST COAST FEVER

WEITZ, W.O.

PIL

Tick-borne diseases as a hazard in the rearing of calves in Africa.

East Coast Fever, p. 608

Bull. Offic. Int. Epizoot. 62(1):607-625, 1964-  
32d General Session

FOOT-AND-MOUTH DISEASE

ASHEPA, M.B., and BANNOV, A.T.

#6229

Likvidatsiya yashchura v zimnikh usloviyakh  
(Eradication of foot-and-mouth disease in  
winter).

English translation - OTS TT-64-19364

Veterinariya 41(5):38-39, 1964

EAST COAST FEVER

THOMAS, A.D.

PIL

The problem of concurrent diseases of calves in the Northern Transvaal region of South Africa.

East Coast Fever, p. 575

Bull. Offic. Int. Epizoot. 62(1):571-579, 1964-  
32d General Session

FOOT-AND-MOUTH DISEASE

CAPSTICK, P.B., et al\*

PIL

Production of foot-and-mouth disease virus antigen from BHK 21 Clone 13 cells grown and infected in deep suspension cultures.

Natur.(Lond.) 205(4976):1135-1136, 1965

\*A.J. Garland, W.G. Chapman, and R.C. Masters



FOOT-AND-MOUTH DISEASE

KHAN, M.Z.

PIL

Some important infectious diseases of calves  
in Pakistan.

FMD, p. 567  
Rinderpest, p. 566-567

Bull. Offic. Int. Epizoot. 62(1):565-569, 1964-  
32d General Session

FOOT-AND-MOUTH DISEASE

MURPHY, T.

-5-  
PIL

Infectious calf diseases in Ireland.

Louping ill, p. 559  
FMD, p. 559

Bull. Offic. Int. Epizoot. 62(1):551-563, 1964-  
32d General Session

FOOT-AND-MOUTH DISEASE

MOYA, V., BLOOD, B.B., and ALVAREZ, N.O.

PIL

Influence of foot-and-mouth disease vaccines on  
brucella agglutinin titres in cattle.

Rev. Med. Vet., B. Aires, 45:161-168, 1964 (Sp.e.).

Vet. Bull. 35(3):131(820), 1965

FOOT-AND-MOUTH DISEASE

OIE. REPORTS BY THE PERMANENT COMMISSIONS.

32d GENERAL CONFERENCE OF THE COMMITTEE,  
Meeting, Paris, May 18-23, 1964

PIL

I. Permanent Commission of the O.I.E. on foot-  
and-mouth disease. (p.1601-1602)

III. Permanent Commission of the O.I.E. for the  
study of sanitary regulations on the importation  
and exportation of animals and animal products.  
(p.1603-1605)

IV. Permanent Commission of the O.I.E. for the  
study of the persistence of viruses in meat.  
(p.1605-1607)

Bull. Offic. Int. Epizoot. 62(2):1601-1617, 1964





FOOT-AND-MOUTH DISEASE

PIL

SUBHARNGKASEN, Siri

Infectious diseases of calves in Thailand.

FMD, p. 644

Bull. Offic. Int. Epizoot. 62(1):643-646, 1964-  
32d General Session

FOOT-AND-MOUTH DISEASE

CIRC. FILE

WORLD REFERENCE LABORATORY

PIRBRIGHT, U.K.

Foot-and-mouth disease.

Typing of samples from Africa (during 1964).

I.B.A.H. Info. Leaflet 13(14), 1965

FOOT-AND-MOUTH DISEASE

PIL

TARRO, G., and FRASCA, A.

The inactivating action in vitro of certain  
ketosuldehyde derivatives on the encephalo-  
myocarditis virus (EMC) and the foot-and-  
mouth disease virus (FMD).

Boll. Soc. Ital. Biol. Sper. 40(20):1228-1229,  
1964 (Ital.).

Chem. Abstr. 62(7):8139a, 1965

LOUPING ILL

PIL

MURPHY, T.

Infectious calf diseases in Ireland.

Louping ill, p. 559

FMD, p. 559

Bull. Offic. Int. Epizoot. 62(1):551-563, 1964-  
32d General Session



RINDERPEST

ANON.

PIL

Rinderpest in Madras.

Indian Vet. J. 42(2):145-146, 1965

RINDERPEST

KHAN, M.Z.

-7-  
PIL

Some important infectious diseases of calves  
in Pakistan.

Rinderpest, p. 566-567  
FMD, p. 567

Bull. Offic. Int. Epizoot. 62(1):565-569, 1964-  
32d General Session

RINDERPEST

CCTA Joint Action Project No. 15

CIRC. FILE

Control of rinderpest in West Africa.  
Meeting held in Ouagadougou, Haute-Volta,  
on September 24-25, 1964.

I.B.A.H. Info. Leaflet 13(9), 1965

SCRAPIE

FIELD, E.J., and RAINE, C.S.

PIL

An electron microscopic study of scrapie in the  
mouse.

Acta Neuropathol. 4:200-211, 1964(E.g.).

Vet. Bull. 35(3):145(923), 1965





SCRAPIE

SCHILLING, James R.

Scrapie.

Iowa State Univ. Vet. 27(1):19-22, 1965

CIRC.FILE

VESICULAR STOMATITIS

FALKE, D., and ROWE, W.P.

Die Interferenz zwischen dem Polyoma-Virus und dem Stomatitis-vesicularis-Virus in der Maus (The interference between polyoma and vesicular stomatitis virus in new born mice).

Arch. Ges. Virusforsch. 15(2):210-219, 1964

-8-

PIL

SHEEP POX

ANON.

Search for sheep pox vaccine.

Indian Vet. J. 42(2):147, 1965

PIL

VESICULAR STOMATITIS

MIRCHAMSY, Hossein, and COOPER, Peter D.

Indirect evidence for the presence of ribonucleic acid in vesicular stomatitis virions.

Virology. 20(1):14-19, 1963

PIL



MISCELLANEOUS

ANDREWEES, C.H.

PIL

Viruses and Noah's ark.

Bacteriol. Rev. 29(1):1-8, 1965

MISCELLANEOUS

BLOTH, B.W.T., and NORRBY, E.C.J.

PIL

Morphology of subunits of respiratory syncytial  
(RS) virus. (Brief report.)

Arch. Ges. Virusforsch. 15(2):249-252, 1964

MISCELLANEOUS

BAUER, Heinz

PIL

Selektive Inaktivierung von Adenovirus-  
Hemagglutininen (Kurze Mitteilung) (Selective  
inactivation of adenovirus hemagglutinins  
(Brief Report) ).

Arch. Ges. Virusforsch. 15(2):253-256, 1964

MISCELLANEOUS

BONIN, O., and GUNTHER, O.

PIL

What information does testing of virus vaccines  
give on the safety of the vaccines in  
practice? (Was leistet die Prüfung von  
Virusimpfstoffen für die Unschadlichkeit der  
Impfstoffe in der Praxis?)

Staatl. Anst. für Exp. Ther. 'Paul-Ehrlich-Institut',  
Frankfurt/M.-MED. WEIT (Stuttg.) 15:822-831, 1964  
Tables 3 illus. 3.

Med. Microbiol. Immunol. Serol. Sect. IV 18(2):  
270-271(1110), 1965



MISCELLANEOUS

PIL

CHAN, Y.C.

Rapid typing of dengue viruses by the micro-precipitin agar-gel diffusion technique.

Natur.(Lond.)206(4979):116-117, 1965

MISCELLANEOUS

PIL

DEINHARDT, Friedrich, and DEMMON, Robert E.

Simplified method for fluorescent antibody staining of tissue cultures.

Natur.(Lond.)205(4976):1122-1123, 1965

MISCELLANEOUS

\*\*

PIL

CHUDOMEL, V., et al\*

Serum- und Gewebehinhibitoren, deren Nachweis und Wirkungsmechanismus. I. Teil (Inhibitors of serum and tissue, their demonstration and mode of action. Ist part).

Zentralbl.Bakteriol.Parasitenk.Infektionskrankh. Hyg.-I.Abt.Orig.-195(1):41-57, 1964

MISCELLANEOUS

PIL

DREES, O., and MUTZE, B.

Zur Bestimmung der elektrophoretischen Beweglichkeit von Viren mit Hilfe des Mikro-Elektrophorese-Gerates nach Antweiler (Determination of electrophoretic mobility of virus particles).

Arch. Ges. Virusforsch. 15(2):244-248, 1964

\*V. Kubelka, Korinek, and V. Solar

English summary, p. 54-55

\*\*RIGHT OF REPRODUCTION AND TRANSLATION RESERVED





MISCELLANEOUS

PIL

ESPMARK, J. Ake, and GARD, Sven

Dose-incubation time relationships in virus infected tissue cultures. Theoretical considerations.

Arch. Ges. Virusforsch. 15(2):137-150, 1964

MISCELLANEOUS

PIL

GALASSO, G.J., and SHARP, D.G.

Effects of heat on the infecting, antibody-absorbing, and interfering powers of vaccinia virus.

J. Bacteriol. 89(3):611-616, 1965

MISCELLANEOUS

PIL

ESPMARK, J. Ake

Time relationships in the development of cytopathic response to vaccinia virus in tissue culture tubes.

Arch. Ges. Virusforsch. 15(2):123-136, 1964

MISCELLANEOUS

\*\*

PIL

GERSTL, F.

Ein Beitrag zur Diagnostik und Morphologie des Erregers des ansteckenden Lippengrindes (Ecthyma contagiosum) der Gemse (Contribution to diagnostics and morphology of the virus producing contagious pustular dermatitis in the chamois).

Zentralbl.Bakteriol.Parasitenk.Infektionskrankh. Hyg.-I.Abt.Orig.-195(2):182-189, 1964

English summary, p. 188



MISCELLANEOUS

\*\*

PIL

GRAUSGRUBER, W.

Lippengrind (Ecthyma contagiosum) bei Gemsen  
(Ecthyma contagiosum of chamois).

English summary, p. 179-180

Zentralbl.Bakteriol.Parasitenk. Infektionskrankh.  
Hyg.-I. Abt. Orig.-195(2):175-181, 1964

\*\*RIGHT OF REPRODUCTION AND TRANSLATION RESERVED

MISCELLANEOUS

PIL

HIRATA, Arthur A., and STASHAK, Philip W.

Simplified procedure for passive haemagglutination  
tests with protein antigens.

Natur. (Lond.) 205(4977):1233, 1965

MISCELLANEOUS

PIL

GUTTEKUNST, Donald E., and MALMQUIST, Winston A.

Soluble antigen of bovine viral diarrhoea virus.  
I. Intracellular synthesis, separation and  
characterization.

Arch. Ges. Virusforsch. 15(2):159-168, 1964

MISCELLANEOUS

PIL

HORNE, Robert W.

Electron microscopy of viruses.

Sci. Progr. 52(208):525-542, 1964.

Biol. Abstr. 46(7):2438(30437), 1965





MISCELLANEOUS

PIL

KING, D.A., and CROGHAN, D.L.

Immunofluorescence of feline panleucopenia virus  
in cell culture: Determination of immuno-  
logical status of felines by serum neutralization.

Can. J. Comp. Med. Vet. Sci. 29(4):85-89, 1965

MISCELLANEOUS

PIL

MARQUARDT, Jurgen, HOLM, Stig E., and LYCKE, Erik

Immunoprecipitating soluble vaccinia virus  
antigens.

Arch. Ges. Virusforsch. 15(2):178-187, 1964

MISCELLANEOUS

PIL

LEE, Spencer H.S.

Further observations on the effect of 6-Amino-  
nicotinamide on chick embryo tissue cultures  
infected with vaccinia and other viruses.

Natur.(Lond.)205(4977):1242-1243, 1965

MISCELLANEOUS

PIL

MATHE, Georges, and AMIEL, Jean-Louis

Number of immunologically competent cells and  
the type of immunological reactions.

Natur.(Lond.)206(4980):202-203, 1965



MISCELLANEOUS

\*\*

MAYR, A., and MUNZ, E.

PIL

Veränderung von Vaccinevirus durch Dauerpässagen  
in Hühnerembryofibroblasten-Kulturen (Changes  
in vaccine virus caused by prolonged passage  
through chick embryo fibroblast cultures).

Zentralbl.Bakteriol.Parasitenk. Infektionskrankh.  
Hyg.-I. Abt. Orig.-195(1):24-35, 1964

English summary, p. 34

\*\*RIGHT OF REPRODUCTION AND TRANSLATION RESERVED

MISCELLANEOUS

NAGATA, Ikuya, et al\*

PIL

Plaque formation by HFV in calf kidney cells.  
(Brief Report.)

Arch. Ges. Virusforsch. 15(2):257-259, 1964

\*Koichiro Maeno, Saiji Yoshii, and Toshisada Matsumoto

MISCELLANEOUS

PIRTLE, E.C.

-14-  
PIL

A soluble precipitating antigen from hog cholera  
virus propagated in tissue culture. I. Pre-  
paration and characterization of the antigen.

Can. J. Comp. Med. Vet. Sci. 28(8):193-196, 1964

MISCELLANEOUS

PIRTLE, E.C.

PIL

A soluble precipitating antigen (HCA) from hog  
cholera virus propagated in tissue culture.  
II. Incidence of HCA-antibodies in sera of  
hog cholera-immune and nonimmune swine.

Can. J. Comp. Med. Vet. Sci. 29(4):90-93, 1965



MISCELLANEOUS

PIL

RIVADENEIRA, J.C., BRAXS, A., and DE TORRES, R.

Propagacion de virus en cultivo de tejido de  
rinon humano (The multiplication of viruses in  
human kidney tissue culture).

Rev. Fac. Cienc. Med. Cordoba. 22(1):7-17, 1964.

Biol. Abstr. 46(7):2439(30448), 1965

MISCELLANEOUS

PIL

SANDSTROM, Bjorn

Studies on cells from liver tissue cultivated in  
vitro. I. Influence of the culture method on  
cell morphology and growth pattern.  
II. The origin and mutual relationship of the  
cells.

Exp. Cell Res. 37(3):552-568, 1965

MISCELLANEOUS

PIL

SAMPSON, Gary R., et al\*

Inoculation of swine with CJ strain tissue-culture  
hog cholera vaccine.

J. Amer. Vet. Med. Ass. 146(8):836-838, 1965

\*Robert A. Sauter, Lysle M. Wilkins, and V. Marshall

MISCELLANEOUS

PIL

SASTRI, R.L.N.

Animal and plant tissue culture.

Natur.(Lond.)206(4980):143-144, 1965



MISCELLANEOUS

SEAMER, John

PIL

The growth, reproduction and mortality of mice made immunologically tolerant to lymphocytic choriomeningitis virus by congenital infection.

Arch. Ges. Virusforsch. 15(2):169-177, 1964

MISCELLANEOUS

SIMON, J.

-16-  
PIL

Properties of a new attenuated Type 3 poliovirus. II. Neurovirulence tests on monkeys.

Arch. Ges. Virusforsch. 15(2):220-233, 1964

MISCELLANEOUS

SHERWIN, R.P., and RICHTERS, A.

PIL

Gas phase control in a multipurpose tissue culture chamber (Rose) by a new gasket design.

Exp. Cell Res. 37(3):697-699, 1965

MISCELLANEOUS

SPENDLOVE, R.S., and SCHAFER, F.L.

PIL

Enzymatic enhancement of infectivity of reovirus.

J. Bacteriol. 89(3):597-602, 1965





MISCELLANEOUS

SYMPOSIUM ON FLUORESCENT ANTIBODY TECHNIQUES,  
held at the National Institute of Health,  
Tokyo, July 1, 1964.

Papers.

Jap. J. Med. Sci. Biol. 17(5):279-282, 1964

PIL

MISCELLANEOUS

TYRRELL, D.A.J., and RIDGWELL, Beverley  
Freeze-drying of certain viruses.

-17-  
PIL

Natur. (Lond.) 206(4979):115-116, 1965

MISCELLANEOUS

THROMBETTA, N., and COZZI, M.

Ricerca dei virus citopatici nei neonati  
immaturi (Research on cytopathic viruses  
in immature newborns).

Ann. Sclavo. 5(5):555-561, 1963.

English and French summaries

Biol. Abstr. 46(8):2771(34590), 1965

PIL

MISCELLANEOUS

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE,  
PUBLIC HEALTH SERVICE. NATIONAL INSTITUTES  
OF HEALTH.

#6246

Minimum requirements: Influenza virus vaccine,  
emulsified in mineral oil.  
6 p., dated January 30, 1956

Photocopy of Tentative Draft and Letter dated  
April 20, 1965 (from Faye Peterson, Information  
Office).



MISCELLANEOUS

VONKA, V., et al\*

PIL

Properties of a new Type 3 attenuated poliovirus.  
III. A small scale trial with USOL-D bac  
virus in a closed child community.

Arch. Ges. Virusforsch. 15(2):234-243, 1964

\*Z. Janda, J. Simon, E. Adam, H. Zavadova, and  
M. Starek

MISCELLANEOUS

WEISS, L.

-18-  
PIL

Studies on cellular adhesion in tissue-culture.  
VIII. Some effects of antisera on cell  
detachment.

Exp. Cell Res. 37(3):540-551, 1965

MISCELLANEOUS

WACHENDORFER, G.

PIL

Das Agar-Präzipitationsverfahren bei der Enten-  
hepatitis, der Newcastle-Krankheit und besonders  
der klassischen Schweinepest--Seine Leistungs-  
fähigkeit und Grenzen in der Virusdiagnostik  
(The agar precipitation test in duck hepatitis,  
Newcastle disease and particularly classical  
swine fever--its functional capacity and  
limitations in virus diagnosis).

English summary, p. 63-64

Zentralbl.Vet.-Med., Reihe B, 12(1):55-66, 1965

MISCELLANEOUS

WHO

PIL

Research on zoonoses.

Chron. Wld. Hlth. Organ. 19(3):101-106, 1965



MISCELLANEOUS

PIL

WHO SCIENTIFIC GROUPS ON GENERAL AND APPLIED  
IMMUNOLOGICAL RESEARCH

Problems of immunology today.

Chron. Wld. Hlth. Organ. 19(3):91-101, 1965

(Immunoprophylaxis and immunotherapy; Immunopathology;  
Transplantation; Immunochemistry; and Other Aspects  
of Immunology.)

MISCELLANEOUS

PIL

WIGAND, R., et al\*

Neutralization of the adenoviruses Types 1 to 28:  
Specificity and antigenic relationships.

Arch. Ges. Virusforsch. 15(2):188-199, 1964

\*H. Bauer, F. Lang, and W. Adam

MISCELLANEOUS

PIL

WORKING GROUP ON A LATIN AMERICAN COMMON MARKET  
FOR BIOLOGICAL PRODUCTS. Meeting, Washington,  
D.C., August 3-6, 1964

Recommendations.

1. Biological products.

Bol. Ofic. Sanit. Panamer. 58(3):270-271, 1965

MISCELLANEOUS

PIL

ZAJAC, Thor, and CROWELL, Richard L.

Effect of enzymes on the interaction of entero-  
viruses with living HeLa cells.

J. Bacteriol. 89(3):574-582, 1965





MISCELLANEOUS

ZALAN, E., and LAZOTFSKY, N.A.

PIL

Interference between profilavine treated reovirus  
and related and unrelated viruses.

Arch. Ges. Virusforsch. 15(2):200-209, 1964



MISCELLANEOUS

WALKER, R.E.

PIL

The veterinary papyrus of Kahun; a revised translation and interpretation of the ancient Egyptian treatise known as the veterinary papyrus of Kahun.

Vet. Rec. 76(7):4473:198-200, 1964

MISCELLANEOUS

WATRACH, A.M., and HANSON, L.E.

PIL

The structure of animal viruses.

Avian Dis. 9(1):193-201, 1965

